

Treated Lake

Jeanne.Schener@wisconsin.gov

608-275-3283

AIS Early Detection Monitoring Data Form

Form 3200-xxx (R 6/2013)

Lake Name Lower Springs Lake	County Jefferson	WBIC 820800	AIS sign? Y N	Secchi (ft or m) 3 ft	Conductivity (ZM tow if ≥ 99 umhos/cm) -
Date(s) 7/2/13	Data collectors Jeanne Schener Cody Rebeschke	Start time (nearest 15 min) 11:00 am	End time (nearest 15 min) 2:00 pm	Total collector time (hrs x # collectors) 4	

Look for the following species: Purple loosestrife, Phragmites, flowering rush, Hydrilla, Brazilian waterweed, Eurasian water-milfoil, curly-leaf pondweed, yellow floating heart, zebra mussel, quagga mussel, Chinese mystery snail, banded mystery snail, faucet snail, New Zealand mud snail, didymo, water flea, and any other AIS found.

STEP 1: Record locations of sampling sites (in decimal degrees). Sampling sites include all public boat landings (BL), 5 targeted sites (TS) and the meander survey sites (MS). List AIS found at each site or record none. Collect a sample of any new AIS found. Collect five new invasive plant specimens, 20 Dreissenids, and 30 of each snail species and label with species, collector, date, lake name, WBIC and sampling site.

Site	Latitude	Longitude	Snorkel (Y or N)	If N snorkel, indicate why	Species, density 1-5
BL	42.88178	88.57890	N	Silt is so fine - string = instant turbidity	EWM 1
MS1	42.88122	88.57474			EWM - 1 Floating
TS1	42.88073	88.57674	Army Island periphyton		EWM 2
TS2	42.88135	88.57845			FWM 2
MS2	42.88120	88.57890			Northern hybrid? 2
TS3	42.87828	88.57764			EWM 1
TS4	42.87823	88.57330			EM 2 (most floating)
TS5	42.87939	88.57899			EWM 1
TS6	42.87992	88.57021			EWM 3 (most concentrated area in lake)
MS3	42.87990	88.56963			CLP 1

*For lakes/sites not snorkeled, substitute:

Boat landing site - 15 rake throws and 15 D-net samples OR 30 minutes, whichever comes first

Targeted site - 5 rake throws and 5 D-net samples OR 10 minutes, whichever comes first

50 meander sites - 10 rake throws and 10 D-net samples during meander survey between sampling sites for a total of 50 meander survey sites

† If lake/site was not snorkeled, indicate why: stained water, turbid water, blue-green bloom, chemical treatment, other (please describe).

‡ Density Ratings

1 – A few plants or invertebrates

2 – One or a few plant beds or colonies of invertebrates

3 – Many small beds or scattered plants or colonies of invertebrates

4 – Dense plant, snail or mussel growth in a whole bay or portion of the lake

5 – Dense plant, snail or mussel growth covering most shallow areas

Step 2: Collect Waterflea Tows from 3 sites: the deep hole (DH) and 2 other sites in water deeper than 15 feet (if possible). Submit sample and Water Flea To Monitoring Reprt form to Science Services.

Site	Depth sampled	Method (hor, obliq, vert)	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)	Sample sent to, date
OS1	3'	oblique	50	Y	Y	7/13/13
OS2	3'	oblique	50	Y	Y	" "
DH1	3'	horizontal	50	Y	Y	" "

Step 3: Collect Veliger Tows from 3 sites; the deep hole (DH), outlet site (OS), and or downwind site (DS) in water depth of about 4 meters (if possible). Submit sample and Mussel Veliger Tow Monitoring Report form to Science Service.

Site	Depth sampled	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)	Sample sent to, date
OS1	6'	50	Y	Y	7/13/13
OS2	6'	50	Y	Y	" "
DH	5'	50	Y	Y	" "

Step 4: Were plant voucher specimens submitted? Yes No (circle) If yes, where? (circle) Freckmann Herbarium, Other Marlson 10/31/2013
collected Ewm + CLP

Step 5: Were snail voucher specimens submitted (separate into Chinese, banded, all others)? Yes No (circle) If yes, where? (circle) UW La Crosse, or Other _____

Step 6: Data was entered into SWIMS on 7/25/13 by Jeannette Scherer

Step 7: Data was proofed on _____ by _____

Notes: